IMPROVED PICTURE/GRAPHICS CLASSIFICATION SYSTEM AND METHOD

Abstract of the Disclosure

A method and system for image processing, in conjunction with classification of images between natural pictures and synthetic graphics, using SGLD texture (e.g., variance, bias, skewness, and fitness), color discreteness (e.g., R_L, R_U, and R_V normalized histograms), or edge features (e.g., pixels per detected edge, horizontal edges, and vertical edges) is provided. In another embodiment, a picture/graphics classifier using combinations of SGLD texture, color discreteness, and edge features is provided. In still another embodiment, a "soft" image classifier using combinations of two (2) or more SGLD texture, color discreteness, and edge features is provided. The "soft" classifier uses image features to classify areas of an input image in picture, graphics, or fuzzy classes.

N:\XER\20435\YNH0096A.doc